



Image may be representation.  
See specifications for product details.



## ADG822BRMZ

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <b>ADG822BRMZ</b>                      |
| Manufacturer             | <b>Analog Devices, Inc.</b>            |
| Allelco Part Number      | 32D-ADG822BRMZ                         |
| ECAD Model               | PCB Symbol, Footprint & 3D Model       |
| Parts Description        | IC SW SPST-NCX2 600MOHM 8MSOP          |
| Package                  | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) |
| Data sheet               | <b>ADG821-823.pdf</b>                  |
| RoHs Status              | <b>ROHS3 Compliant</b>                 |

**Get a Quote**

ADG822BRMZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG822BRMZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ADG822BRMZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADG822BRMZ Tech Specifications

ADG822BRMZ - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute             | Attribute Value                        | Product Attribute                      | Attribute Value |
|-------------------------------|--|--|-----------------|
| Manufacturer                  | Analog Devices, Inc.                   | Number of Circuits                     | 2               |
| Voltage - Supply, Single (V+) | 1.8V ~ 5.5V                            | Multiplexer/Demultiplexer Circuit      | 1:1             |
| Voltage - Supply, Dual (V±)   | -                                      | Mounting Type                          | Surface Mount   |
| Switch Time (Ton, Toff) (Max) | 45ns, 16ns                             | Current - Leakage (IS(off)) (Max)      | 250pA           |
| Switch Circuit                | SPST - NC                              | Crosstalk                              | -82dB @ 1MHz    |
| Supplier Device Package       | 8-MSOP                                 | Charge Injection                       | 15pC            |
| Series                        | -                                      | Channel-to-Channel Matching (ΔRon)     | 160mOhm         |
| Package / Case                | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) | Channel Capacitance (CS(off), CD(off)) | 85pF, 98pF      |
| Package                       | Tube                                   | Base Product Number                    | ADG822          |
| Operating Temperature         | -40°C ~ 125°C (TA)                     | -3db Bandwidth                         | 24MHz           |
| On-State Resistance (Max)     | 600mOhm                                |  |                 |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG822BRMZ

| Product Attribute                      |  |  |  |  |
|--|--|--|--|--|
| Part Number                            | ADG822BRMZ                             | <b>ADG836LYRM-REEL7</b>                  | <b>ADG836LYRMZ</b>                       | <b>ADG821BRMZ-REEL7</b>                |
| Manufacturer                           | Analog Devices Inc.                    | Analog Devices Inc.                      | Analog Devices Inc.                      | Analog Devices Inc.                    |
| Number of Circuits                     | 2                                      | 2  | 2  | 2                                      |
| Package                                | Tube                                   | Tape & Reel (TR)                         | Tube                                     | Tape & Reel (TR)                       |
| Voltage - Supply, Dual (V±)            | -                                      | -  | -  | -                                      |
| Channel Capacitance (CS(off), CD(off)) | 85pF, 98pF                             | 25pF                                     | 25pF                                     | 85pF, 98pF                             |
| Operating Temperature                  | -40°C ~ 125°C (TA)                     | -40°C ~ 125°C (TA)                       | -40°C ~ 125°C (TA)                       | -40°C ~ 125°C (TA)                     |
| Supplier Device Package                | 8-MSOP                                 | 10-MSOP                                  | 10-MSOP                                  | 8-MSOP                                 |
| Voltage - Supply, Single (V+)          | 1.8V ~ 5.5V                            | 1.65V ~ 3.6V                             | 1.65V ~ 3.6V                             | 1.8V ~ 5.5V                            |
| Mounting Type                          | Surface Mount                          | Surface Mount                            | Surface Mount                            | Surface Mount                          |
| Multiplexer/Demultiplexer Circuit      | 1:1                                    | 2:1                                      | 2:1                                      | 1:1                                    |
| Package / Case                         | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) | 10-TFSOP, 10-MSOP (0.118', 3.00mm Width) | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) | 8-TSSOP, 8-MSOP (0.118', 3.00mm Width) |
| On-State Resistance (Max)              | 600mOhm                                | 650mOhm                                  | 650mOhm                                  | 600mOhm                                |
| Channel-to-Channel Matching (ΔRon)     | 160mOhm                                | 40mOhm                                   | 40mOhm                                   | 160mOhm                                |
| Crosstalk                              | -82dB @ 1MHz                           | -90dB @ 100kHz                           | -90dB @ 100kHz                           | -82dB @ 1MHz                           |
| Series                                 | -                                      | -  | -  | -                                      |
| -3db Bandwidth                         | 24MHz                                  | 57MHz                                    | 57MHz                                    | 24MHz                                  |
| Current - Leakage (IS(off)) (Max)      | 250pA                                  | 1nA                                      | 1nA                                      | 250pA                                  |
| Base Product Number                    | ADG822                                 | ADG836                                   | ADG836                                   | ADG821                                 |
| Switch Circuit                         | SPST - NC                              | SPDT                                     | SPDT                                     | SPST - NO                              |
| Charge Injection                       | 15pC                                   | 40pC                                     | 40pC                                     | 15pC                                   |
| Switch Time (Ton, Toff) (Max)          | 45ns, 16ns                             | 26ns, 7ns                                | 26ns, 7ns                                | 45ns, 16ns                             |

### ADG822BRMZ Datasheet PDF

Download ADG822BRMZ pdf datasheets and Analog Devices Inc. documentation for ADG822BRMZ - Analog Devices Inc..

#### Datasheets



















[ADG821-823.pdf](#)

#### PCN Assembly/Origin

[Assembly Site Chg 26/Jan/2016.pdf](#)

## Customers Also Interested in

### Recommended Products

|  |   |  |   |   |   |
|--|---|--|---|---|---|
|   |  |   |   |  |  |
| <b>ADG836LYRM-REEL7</b><br>Analog Devices Inc.<br>IC SWITCH SPDTX2 650MOHM 10MSOP  | <b>ADG819BRTZ-REEL7</b><br>ADI (Analog Devices, Inc.)                             | <b>ADG836LYRMZ</b><br>Analog Devices Inc.<br>IC SWITCH SPDTX2 650MOHM 10MSOP       | <b>ADG821BRMZ-REEL7</b><br>Analog Devices Inc.<br>IC SW SPST-NOX2 600MOHM 8MSOP     | <b>ADG821BRM</b><br>Analog Devices Inc.<br>IC SW SPST-NOX2 600MOHM 8MSOP            | <b>ADG821BRMZ</b><br>Analog Devices Inc.<br>IC SW SPST-NOX2 600MOHM 8MSOP           |
|   |  |   |   |  |  |
| <b>ADG824BCPZ-REEL7</b><br>Analog Devices Inc.<br>IC SWITCH SPDTX2 800MOHM 10LFCSP | <b>ADG824BCPZ-REEL</b><br>ADI (Analog Devices, Inc.)                              | <b>ADG823BRMZ-REEL7</b><br>Analog Devices Inc.<br>IC SW SPST-NO/NCX2 600MOHM 8MSOP | <b>ADG822BRMZ-REEL7</b><br>Analog Devices Inc.<br>IC SW SPST-NCX2 600MOHM 8MSOP     | <b>ADG819BRTZ</b><br>ADI (Analog Devices, Inc.)                                     | <b>ADG823BRM-REEL7</b><br>Analog Devices Inc.<br>IC SW DUAL SPST 1.8/5.5V 8MSOP     |
|   |  |   |   |  |  |
| <b>ADG823BRM</b><br>Analog Devices Inc.<br>IC SW SPST-NO/NCX2 600MOHM 8MSOP        | <b>ADG819BRT-REEL7</b><br>Analog Devices Inc.<br>IC SWITCH SPDTX1 600MOHM SOT23-6 | <b>ADG819BRMZ-REEL7</b><br>Analog Devices Inc.<br>IC SWITCH SPDT X 1 600MOHM 8MSOP | <b>ADG819BRTZ-500RL7</b><br>Analog Devices Inc.<br>IC SWITCH SPDTX1 600MOHM SOT23-6 | <b>ADG819BRTZ-REEL7</b><br>Analog Devices Inc.<br>IC SWITCH SPDTX1 600MOHM SOT23-6  | <b>ADG823BRMZ</b><br>Analog Devices Inc.<br>IC SW SPST-NO/NCX2 600MOHM 8MSOP        |

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference |                |                    |
|--|----------------|--------------------|
| Region                                   | Country        | Logistic Time(Day) |
| America                                  | United States  | 5                  |
|  | Brazil         | 7                  |
| Europe                                   | Germany        | 5                  |
|  | United Kingdom | 4                  |
|  | Italy          | 5                  |
| Oceania                                  | Australia      | 6                  |
|  | New Zealand    | 7                  |
| Asia                                     | India          | 6                  |
|  | Japan          | 7                  |
| Middle East                              | Israel         | 6                  |

| DHL & FedEx Shipment Charges Reference |                      |
|--|----------------------|
| Shipment charges(KG)                   | Reference DHL(USD\$) |
| 0.00kg-1.00kg                          | USD\$60.00           |
| 1.00kg-2.00kg                          | USD\$70.00           |
| 2.00kg-3.00kg                          | USD\$80.00           |




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support



The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -

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|--|--|---|
| <br>Efficient Supply Management | <br>Cost-Saving Procurement | <br>Fast Sourcing & Delivery |
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Contact us if you have any questions.

|  |  |
|--|--|
| <br>Phone<br>+00852 9146 4856 | <br>Email<br>info@allelco.com |
|--|--|

### Certifications & Memberships



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### Contact us

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